

NLX-19-7390



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

RBE1X56-131-405

Job Sheet 197838



Part No: RBE1X56-131-405

Job Qty: 1 pcs

Part Name: Socket Wrench

3 pcs. B.A



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/17/19

Job Tracking No:

Due Date: 9/11/19

Created By: Marie Lajeunesse

Type: SOLD

Description: ORDER 15966

Note: DWG RBE1X56-131-405 Rev 1 IPP Rev. A 19.07.03 New issue DP Verify D.D

Ship Via:

## Bill of Materials

## Job Routing

| Op No | Operation      | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off |
|-------|----------------|-------|------------|----------|-----------|---------|-----------------------|-----------|----------|
|       |                |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |          |
| 100   | NLX 2500SY - 1 | 1 pcs | 9/11/19    | 9/11/19  | 1.00      | 1.33    | NLX 2500SY - 1        |           |          |
| 110   | QC 2           | 1 pcs | 9/11/19    | 9/11/19  | 0.00      | 0.00    | QC 2 - 1              |           |          |
|       |                |       |            |          |           |         | QC 2 - 12             |           |          |
|       |                |       |            |          |           |         | QC 2 - 14             |           |          |
|       |                |       |            |          |           |         | QC 2 - 17             |           |          |
|       |                |       |            |          |           |         | QC 2 - 19             |           |          |
|       |                |       |            |          |           |         | QC 2 - 2              |           |          |
|       |                |       |            |          |           |         | QC 2 - 20             |           |          |
|       |                |       |            |          |           |         | QC 2 - 22             |           |          |
|       |                |       |            |          |           |         | QC 2 - 23             |           |          |
|       |                |       |            |          |           |         | QC 2 - 25             |           |          |
|       |                |       |            |          |           |         | QC 2 - 32             |           |          |
|       |                |       |            |          |           |         | QC 2 - 33             |           |          |
|       |                |       |            |          |           |         | QC 2 - 35             |           |          |
|       |                |       |            |          |           |         | QC 2 - 39             |           |          |
|       |                |       |            |          |           |         | QC 2 - 4              |           |          |
|       |                |       |            |          |           |         | QC 2 - 40             |           |          |
|       |                |       |            |          |           |         | QC 2 - 44             |           |          |
|       |                |       |            |          |           |         | QC 2 - 45             |           |          |
|       |                |       |            |          |           |         | QC 2 - 48             |           |          |
|       |                |       |            |          |           |         | QC 2 - 49             |           |          |
|       |                |       |            |          |           |         | QC 2 - 50             |           |          |
|       |                |       |            |          |           |         | QC 2 - 51             |           |          |
|       |                |       |            |          |           |         | QC 2 - 52             |           |          |
|       |                |       |            |          |           |         | QC 2 - 57             |           |          |
|       |                |       |            |          |           |         | QC 2 - 62             |           |          |
|       |                |       |            |          |           |         | QC 2 - 63             |           |          |
|       |                |       |            |          |           |         | QC 2 - 8              |           |          |
|       |                |       |            |          |           |         | QC 2 - 66             |           |          |
|       |                |       |            |          |           |         | QC 2 - 64             |           |          |
|       |                |       |            |          |           |         | QC 2 - 65             |           |          |



Dart Aerospace Ltd.  
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CANADA  
TEL: 1 813 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

Container No: S212117



Part: RBE1X56-131-405

Job No: 197838

Serial No/Batch: S212117

Revision: 1

Inspector:

Exp Date:

Instructions:

Date: 09/09/16

Plex 7/17/19 1:07 PM Dart.lajeunesse.marie

|                                   |       |         |           |                        |             |
|-----------------------------------|-------|---------|-----------|------------------------|-------------|
| 120 QC 8                          | 1 pcs | 9/11/19 | 0.00 0.00 | QC 2 - 5               |             |
|                                   |       |         |           | QC 2 - 71              |             |
|                                   |       |         |           | QC 2 - 73              |             |
|                                   |       |         |           | QC 2 - 69              |             |
|                                   |       |         |           | QC 8 - 12              |             |
|                                   |       |         |           | QC 8 - 14              |             |
|                                   |       |         |           | QC 8 - 17              |             |
|                                   |       |         |           | QC 8 - 20              |             |
|                                   |       |         |           | QC 8 - 25              |             |
|                                   |       |         |           | QC 8 - 3               |             |
|                                   |       |         |           | QC 8 - 32              |             |
|                                   |       |         |           | QC 8 - 33              |             |
|                                   |       |         |           | QC 8 - 35              |             |
|                                   |       |         |           | QC 8 - 39              |             |
|                                   |       |         |           | QC 8 - 4               |             |
|                                   |       |         |           | QC 8 - 44              |             |
|                                   |       |         |           | QC 8 - 45              |             |
|                                   |       |         |           | QC 8 - 49              |             |
|                                   |       |         |           | QC 8 - 58              |             |
|                                   |       |         |           | QC 8 - 8               | A. 19-09-09 |
|                                   |       |         |           | QC 8 - 9               |             |
|                                   |       |         |           | QC 8 - 68              |             |
|                                   |       |         |           | QC 8 - 67              |             |
|                                   |       |         |           | QC 8 - 1 (A)           |             |
|                                   |       |         |           | QC 8 - 47              |             |
|                                   |       |         |           | QC 8 - 40              |             |
|                                   |       |         |           | QC 8 - 52              |             |
|                                   |       |         |           | QC 8 - 23              |             |
|                                   |       |         |           | QC 8 - 57              |             |
| 130 Outsource - 13 - Zinc Plating | 1 pcs | 9/11/19 |           | GRO002-VC              | 2019-09-12  |
| 140 Packaging 2-1 - Receive - B4B | 1 pcs | 9/11/19 | 0.00 0.00 | Packaging 2 - 1 - B4B  |             |
|                                   |       |         |           | Packaging 2 - 2 - B4B  |             |
|                                   |       |         |           | Packaging 2 - 3 - B4B  |             |
|                                   |       |         |           | Packaging 2 - 5 - B4B  |             |
|                                   |       |         |           | Packaging 2 - 4 - B4B  |             |
|                                   |       |         |           | Packaging 2 - 6 - B4B  |             |
|                                   |       |         |           | Packaging 2 - 7 - B4B  |             |
|                                   |       |         |           | Packaging 2 - 8 - B4B  |             |
|                                   |       |         |           | Packaging 2 - 9 - B4B  |             |
|                                   |       |         |           | Packaging 2 - 10 - B4B |             |
|                                   |       |         |           | Packaging 2 - 11 - B4B |             |
|                                   |       |         |           | Packaging 2 - 12 - B4B |             |
|                                   |       |         |           | Packaging 2 - 13 - B4B |             |
|                                   |       |         |           | Packaging 2 - 14 - B4B |             |
|                                   |       |         |           | Packaging 2 - 15 - B4B |             |
|                                   |       |         |           | Packaging 2 - 16 - B4B |             |
|                                   |       |         |           | Packaging 2 - 17 - B4B |             |
|                                   |       |         |           | Packaging 2 - 18 - B4B |             |
|                                   |       |         |           | Packaging 2 - 19 - B4B |             |
|                                   |       |         |           | Packaging 2 - 20 - B4B |             |
|                                   |       |         |           | Packaging 2 - 21 - B4B |             |
|                                   |       |         |           | Packaging 2 - 22 - B4B |             |
|                                   |       |         |           | Packaging 2 - 23 - B4B |             |
|                                   |       |         |           | Packaging 2 - 24 - B4B |             |
|                                   |       |         |           | Packaging 2 - 25 - B4B |             |
|                                   |       |         |           | Packaging 2 - 26 - B4B |             |
| 150 QC 6                          | 1 pcs | 9/11/19 | 0.00 0.00 | QC 6 - 9               |             |
|                                   |       |         |           | QC 6 - 68              |             |
|                                   |       |         |           | QC 6 - 61              |             |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  |                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------|-----------------------|------------------|------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       | QC 6 - 40        | SEP 18 2019            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       | QC 6 - 81        |                        |
| 160                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Packaging 3-1 - Stock - B4B                                  | 1 pcs              | 9/11/19               | 0.00 0.00        | Packaging 3 - 1 - B4B  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 2 - B4B  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 3 - B4B  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 4 - B4B  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 5 - B4B  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 6 - B4B  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 7 - B4B  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 8 - B4B  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 9 - B4B  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 10 - B4B |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 11 - B4B |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 12 - B4B |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 13 - B4B |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 14 - B4B |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 15 - B4B |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 16 - B4B |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 17 - B4B |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 18 - B4B |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 19 - B4B |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 20 - B4B |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 21 - B4B |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 22 - B4B |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 23 - B4B |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 24 - B4B |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 25 - B4B |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | Packaging 3 - 26 - B4B |
| 170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | QC 21 - SA                                                   | 1 pcs              | 9/11/19               | 0.00 0.00        | QC 21 - SA - 21        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                    |                       |                  | QC 21 - SA - 70        |
| Part Op 100 - 1-Machine as per folio FC 914 FOLIO REV: 4A DWG REV: 1 2-Debur<br>Descriptions: 110 - QC2- Inspect parts off machine FAI/FAIB<br>120 - QC8- Inspect parts - second check<br>130 - -Issue P/O ; 44486 -Zinc plate, ASTM B633 TYPE 1 SC2 -Color; Clear -Material type; 4140 -Certificate of<br>Conformity is required<br>140 - (Receive & Inspect for Damage & Mat'l Certs) Certificate of Conformity is required<br>150 - QC6- All purchased or subcontracted products<br>160 - Identify as per dwg & Stock Location:<br>170 - QC21- Final Inspection - Work Order Release |                                                              |                    |                       |                  |                        |
| <b>Job BOM</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                              |                    |                       |                  |                        |
| <b>Part / Item</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Component Name</b>                                        | <b>Quantity</b>    | <b>Operation</b>      | <b>Container</b> |                        |
| MT-4140QT-R2.000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | AISI 4140 Quenched & Tempered Steel Round Bar 2.000"<br>Dia. | .0920 ft (.092 ea) | 100-NLX 2500SY -<br>1 | 207610           |                        |
| <b>Job Allocations</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                              |                    |                       |                  |                        |
| <b>Operation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Component Part</b>                                        | <b>Required</b>    | <b>Inventory</b>      | <b>Allocated</b> |                        |
| 100-NLX 2500SY - 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MT-4140QT-R2.000                                             | 0                  | 11                    | 0                |                        |
| <b>Part Specifications</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                              |                    |                       |                  |                        |
| Specifications could not be found.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                              |                    |                       |                  |                        |

GA133

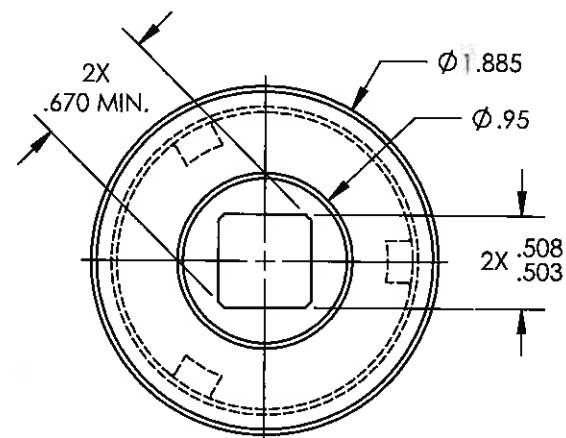
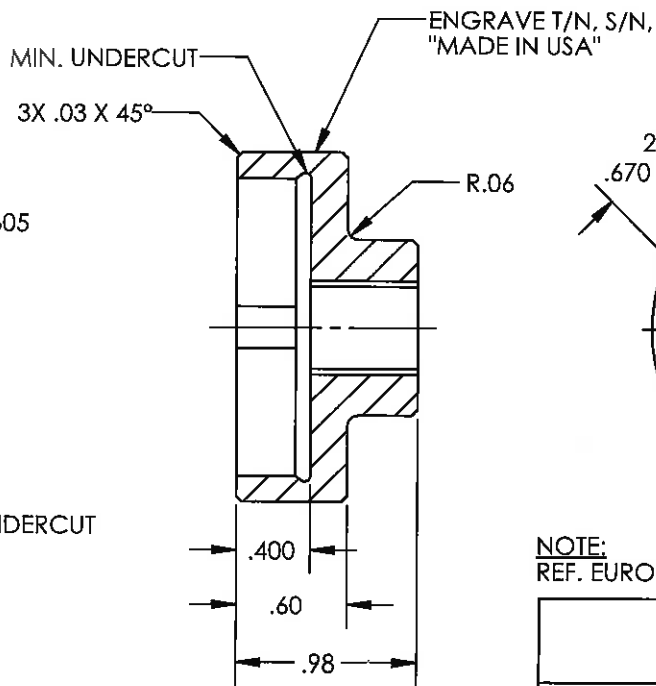
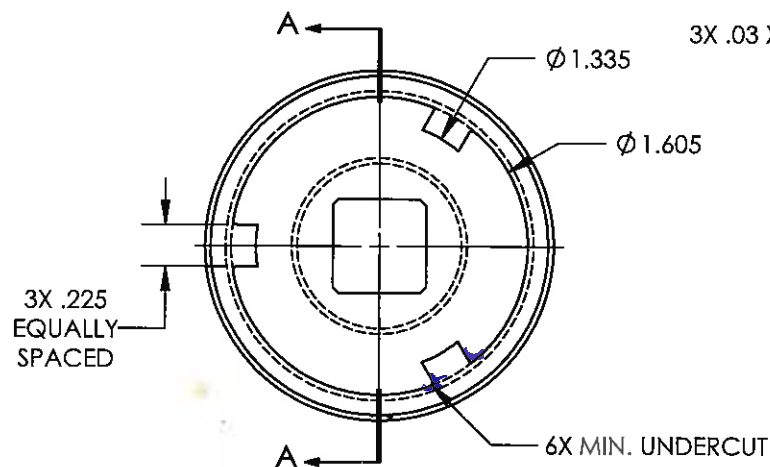
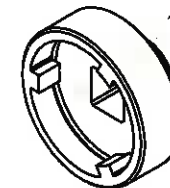
Plex 7/17/19 1:07 PM Dart.lajeunesse.marie



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| REVISIONS |     |                          |           |         |
|-----------|-----|--------------------------|-----------|---------|
| REV       | ECR | DESCRIPTION              | DATE      | INITIAL |
| 1         |     | RELEASED FOR PRODUCTION. | 9/12/2016 | RJC     |
|           |     |                          |           | SM      |

SHOP COPY  
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SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 197838 MLC  
19-07-17



NOTE:  
REF. EUROCOPTER T/N 1X56-131-405.

|                                                                                                          |                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DART<br/>AEROSPACE</b>                                                                                |                                                                                                                                                     |
| TITLE<br><b>SOCKET WRENCH</b>                                                                            |                                                                                                                                                     |
| DWG NO.<br><b>RBE1X56-131-405</b>                                                                        | REV<br><b>1</b>                                                                                                                                     |
| MAT'L 4140/4142<br>HEAT TREAT RC 28-32<br>FINISH ZINC PLATE<br>SPEC ASTM B633 TYPE I SC 2                | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>.XXX ± .005 FRACTIONS ± 1/8<br>.XX ± .01 ANGLES ± 5°<br>.X ± .1 SURFACES = 125°           |
| DRAWN BY: CLOUGH<br>CHECKED: DUERFELDT<br>OPPS APPR: ANDERSON<br>QA APPR: LINDSAY<br>APPROVED: MACKOVJAK | 1. BREAK ALL SHARP EDGES<br>.015 X 45° OR .015R<br>2. DIMENSIONAL LIMITS APPLY<br>AFTER PLATING<br>3. INTERPRET DIM AND TOL PER<br>ASME Y14.5M-2009 |
| SCALE 1:1                                                                                                | DATE 7/14/2016                                                                                                                                      |
| SHEET 1 OF 1                                                                                             |                                                                                                                                                     |

| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description   | Material  | B/O INFORMATION OR SPECIFICATIONS | PG. |
|----------|----------|-----|--------|----------|---------------|-----------|-----------------------------------|-----|
|          |          |     |        | 1        | SOCKET WRENCH | 4140/4142 |                                   |     |



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## POHB044486



**Supplier:** GRO002-VC  
Group Altech  
2455 Halpern  
St Laurent  
QC  
H4S 1N9 Canada  
Phone: 514-335-3666  
Fax: 514-335-3868

**Attention:** Grenon, Sylvie

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** POHB044486

**PO Date:** 9/12/19

**Due Date:** 9/20/19

**Purchase Order  
Revision:**

**Revision Date:**

**Ship-To Contact:** Guerin, Kimberley  
Phone: 613-632-5200 Ext: 298  
kguerin@dartaero.com

**Via:** Ground

**Pynt Terms:** Net 60

**Freight Terms:**

**Special Comments:**

### Items

| Line Item | Job    | Part                | Description                                                                                                                                                                                             | Status   | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|-----------|--------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| 1         | 197838 | RBE1X56-131-405     | Socket Wrench<br>-Issue P/O<br><br>-Zinc plate, ASTM B633 TYPE 1 SC2<br>-Color; Clear<br>-Material type; 4140<br>-Certificate of Conformity is required                                                 | Firmed - |         | 9/20/19  | 3 pcs          | 0 pcs             | 3 pcs   | \$10.00/pcs      | \$30.00        |
| 2         | 198085 | RBW6305G11831-3G-05 | Cap<br>(Outside Processing - Zinc Plating)-Issue P/O to GROUPE ALTECH: P/O<br><br>-Zinc plate, ASTM B633 TYPE 2 SC2<br>-Color; yellow<br>-Material type; 4140<br>-Certificate of Conformity is required | Firmed - |         | 9/20/19  | 6 pcs          | 0 pcs             | 6 pcs   | \$11.25/pcs      | \$67.50        |

DAS  
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9-89

SEP 18 2019

SZ12117



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## POHB044486



### Items

| Line Item                                                                  | Job    | Part                | Description                                                                                                                                                                                                                        | Status   | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD)    | Extended Price  |
|----------------------------------------------------------------------------|--------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|----------|----------------|-------------------|---------|---------------------|-----------------|
| 3                                                                          | 198237 | RBE105-31702W19-5   | Shaft<br>-Issue P/O<br><br>-Zinc plate, ASTM B633 TYPE 1 SC2<br>-Color: Clear<br>-Material type: 4140<br>-Certificate of Conformity is required                                                                                    | Firmed - |         | 9/20/19  | 6 pcs          | 0 pcs             | 6 pcs   | \$10.00/pcs         | \$60.00         |
| <div style="text-align: center;"> <p>SEP 18 2019</p> <p>5208505</p> </div> |        |                     |                                                                                                                                                                                                                                    |          |         |          |                |                   |         |                     |                 |
| 4                                                                          | 200280 | RBW6305G11731-3G-03 | Pusher<br>Outsource13<br>(Outside Processing<br>- Zinc Plating) -Issue<br>P/O to GROUPE<br>ALTECH: P/O<br><br>-Zinc plate, ASTM B633 TYPE 2 SC2<br>-Color yellow<br>-Material type: 4140<br>-Certificate of Conformity is required | Firmed - |         | 9/20/19  | 2 pcs          | 0 pcs             | 2 pcs   | \$11.25/pcs         | \$22.50         |
|                                                                            |        |                     |                                                                                                                                                                                                                                    |          |         |          |                |                   |         | <b>Grand Total:</b> | <b>\$180.00</b> |

### Order Notes

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)

A022 Apical Processing  
A024 process certifications  
A026 certification of material conformance

A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 9/13/19 3:50 PM Dart.Guerin.Kimberley



# Certificat de Conformité / Certificate of Compliance

(022389-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9  
 Tel: 514-335-3666 Fax: 514-335-3868  
 www.groupealtech.com

## Bon de Livraison / Packing Slip

**022389 - 1**

Livré à / Ship to

**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA  
 Tel.: 613-632-5200 Fax.:

Client / Customer:

**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA  
 BUYER:

|                              |                                                                           |                                                                                                                                 |  |                                              |                   |                                                      |                   |               |                        |
|------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------|-------------------|------------------------------------------------------|-------------------|---------------|------------------------|
| Date expédition<br>Ship date |                                                                           | Créé Par<br>Generated by                                                                                                        |  | Transport / No de Compte<br>Courier / Acc No |                   | Bon de commande Client<br>Customer Purchase Order No |                   |               |                        |
| 17-Sep-2019                  |                                                                           | SPARTAKOS BOUNTOURIS                                                                                                            |  |                                              |                   | POHB044486                                           |                   |               |                        |
| #Ligne<br>Line#              | No. de Série / # Pièce<br>Part Number /Line Item Details<br>Job # / Ref # | Description pièce(s)                                                                                                            |  | CATG.<br>U/M                                 | Comm.<br>/Ordered | Exp/<br>Shipped                                      | Qté NC/<br>NC Qty | Qté<br>Scrap/ | À venir/<br>Back Order |
| 1                            | RBE1X56-131-405<br>Rev.                                                   | RBE1X56-131-405<br>ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS<br>AS PER ASTM B633<br>TYPE - 1, SC - 2<br>0.0003 " THICKNESS   |  | ZINC<br>CH                                   | 3                 | 3                                                    | 0                 | 0             | 0                      |
| 3                            | RBE105-31702W19-5<br>Rev.                                                 | RBE105-31702W19-5<br>ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS<br>AS PER ASTM B633<br>TYPE - 1, SC - 2<br>0.0003 " THICKNESS |  | ZINC<br>CH                                   | 6                 | 6                                                    | 0                 | 0             | 0                      |

RECEIVED

SEP 17 2019

DART AEROSPACE LTD.

**RECEIVED**  
 SEP 17 2019  
 DART AEROSPACE LTD.

Notes Additionnelles / Additional Notes

Epaisseur réelle  
Actual Thickness

Inspecteur Qualité  
Quality Inspector

Réçu par  
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.  
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.  
 Our financial and legal responsibility will not be higher than the amount of invoice.



Entered: JKDate: Oct 3/19  
19-09-09NCR No. 19-7390

## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Job: <u>197838</u><br><br>Part No. <u>RBE1X56-131-405</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>DISPOSITION</b><br><br>Rework <input checked="" type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input checked="" type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                         |
| Date : <u>19-09-09</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Sequence #: <u>100</u>                                                                                                                       | QTY Affected : <u>3</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | MRB (QSI042)<br><u>M Lee</u><br>Aug 1, 2019                                                                                                                             |
| <b>Description Work Order Deviation</b><br><br>This deviation only applies to tools with a 0.50" ratchet drive.<br><br>A "ratchet ball lock detent" has been incorporated into this tool and it has been manufactured in accordance with the attached sketch.                                                                                                                                                                                                                                                                                              |                                                                                                                                              | <b>Disposition</b><br><br>The fit, form and function of the part will be as originally intended.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | Completed By<br><u>P 19-09-09</u><br>Lead hand / Supervisor<br><br><u>S.O 19-09-09</u><br><br>QC / QA Coordinator<br><u>SEP 18 2019</u><br><u>DAS 68</u><br><u>9-88</u> |
| <b>Root Cause</b><br><br><div style="display: flex; flex-direction: column; align-items: flex-start;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Preservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input checked="" type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> |                                                                                                                                              | <b>FAULT CATEGORY</b><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input checked="" type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                                                                                                                                                                         |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                         |

